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IN THE CLAIMS:

Please amend the claims as follows:

- 1. (withdrawn) A stencil for forming heat yieldable joining material, comprising: at least one pattern formation member; and at least one channel formation portion associated with said pattern formation member.
- 2. (withdrawn) The stencil of claim 1, wherein said channel is configured to form an out-gassing channel.
- 3. (withdrawn) The stencil of claim 1, further comprising a plurality of pattern formation members.
- 4. (withdrawn) The stencil of claim 3, wherein said channel is defined by a plurality of pattern formation members.
- 5. (withdrawn) The stencil of claim 4, wherein a channel is defined between said pattern formation members.
- 6. (withdrawn) The stencil of claim 5, wherein said plurality of pattern formation members comprises four pattern formation members and further comprising four channels defined between each of said pattern formation members.
 - 7. (withdrawn) The stencil of claim 6, wherein said channels form an 'X' pattern.
 - 8. (withdrawn) An electronic circuit board assembly, comprising: a plurality of circuit boards
- a via extending through at least one circuit board, wherein said via is coupled to at least one component pad; and

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an electronic component coupled to said component pad by forming a joining material pattern on said component pad, said joining material pattern having at least one out-gassing channel.

- 9. (withdrawn) The assembly of claim 8, wherein said coupling further comprises heating said electronic circuit board assembly above a melting point of said joining material and cooling said joining material to establish a physical and electrical couple.
 - 10. (withdrawn) The assembly of claim 8, further comprising a plurality of vias.
- 11. (withdrawn) The assembly of claim 8, further comprising a joining material mask disposed on said via.
- 12. (withdrawn) The assembly of claim 8, wherein said component pad comprises a ground pad.
- 13. (original) A method of coupling circuit board assembly and electronic components, comprising:

providing a circuit board, wherein said circuit board includes at least one component pad and a via extending through at least one layer of said circuit board;

providing an electronic component;

disposing a joining material mask on said via;

forming a joining material pattern on said component pad, said joining material pattern including an out-gassing channel; and

heating said circuit board assembly and said electronic component.

- 14. (original) The method of claim 13, further comprising cooling said circuit board assembly and said electronic component.
- 15. (original) The method of claim 13, further comprising forming a plurality of joining material patterns on said component pad.

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- 16. (original) The method of claim 15, further comprising forming a plurality of joining material patterns on each of a plurality of said component pads.
- 17. (original) The method of claim 13, wherein said joining material comprises solder.
- 18. (original) The method of claim 13, wherein said component pad comprises a ground pad.
- 19. (currently amended) A method of coupling a circuit board assembly and electronic components comprising with a stencil, said method comprising depositing joining material on said circuit board in a pattern that comprises an out-gassing channel.
- 20. (currently amended) The method of claim 19, wherein said out-gassing channel forms an "X" shape in said joining material when viewed from above looking down onto said pattern.
 - 21. (previously presented) The method of claim 19, further comprising: placing a said electronic component in contact with said joining material; and heating said joining material.
- 22. (previously presented) The method of claim 19, wherein depositing joining material comprises depositing solder.
- 23. (new) The method of claim 19, further comprising selectively passing said joining material through portions of said stencil over a contact on said circuit board, such that said pattern comprises non-contiguous deposits of said joining material on a single contact of said circuit board, said out-gassing channel being disposed between said non-contiguous deposits of said joining material.
- 24. (new) The method of claim 19, wherein said out-gassing channel forms an X-shape through said deposited joining material on said circuit board when viewed from above.

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- 25. (new) A method of coupling a circuit board assembly and electronic components with a steucil, said method comprising depositing joining material on said circuit board through said steucil, said joining material being selectively passed through portions of said steucil to form a pattern that comprises non-contiguous deposits of said joining material on a single contact of said circuit board.
 - 26. (new) The method of claim 25, wherein said contact comprises a via.
 - 27. (new) The method of claim 25, wherein said contact comprises a contact pad.
- 28. (new) The method of claim 25, further comprising, with said stencil, forming a plurality of patterns of joining material on a plurality of contacts on said circuit board, each pattern comprising non-contiguous deposits of said joining material.
 - 29. (new) The method of claim 25, wherein said joining material comprises solder.
- 30 (new) The method of claim 25, further comprising out-gassing channels formed in said pattern between said non-contiguous deposits of said joining material.